

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A computer system for generating a representation of time-based media, the system comprising:
 - a feature extraction module for:
 - extracting features from media content; and
 - generating a media representation representing the features extracted;
 - a formatting module for formatting ~~the~~ media representation generated ~~by the system~~, the formatting module being communicatively coupled to the feature extraction module to apply features ~~extracted~~extraction information to the media representation, wherein the formatting module formats the representation according to a representation specification; ~~and~~
 - a printer for printing the formatted media representation, the printer being
communicatively coupled to the formatting module to receive instructions for
printing a document displaying the media representation, the document including
user selectable identifiers representing the features extracted from the media
content for selection by a user to play media content segments of a defined length
associated with each of the features.
2. (Currently Amended) The system of claim 1, wherein the feature extraction module further comprises content recognition software for recognizing features in the media content.
3. (Currently Amended) The system of claim 1, further comprising processing logic for controlling ~~an augmented output device~~ printer driver interface associated with the printer.
4. (Currently Amended) The system of claim 1, further comprising processing logic for controlling ~~an augmented output device~~ printer console on the printer.
5. (Currently Amended) The system of claim 1, wherein the feature extraction module is further adapted to generate the media representation ~~is generated~~ in digital format.
6. (Currently Amended) The system of claim 1, wherein the feature extraction module is further adapted to generate the media representation ~~is generated~~ in paper format.

7. (Cancelled)

8. (Currently Amended) The system of claim 17, wherein ~~the~~ at least one of the user-selectable identifiers ~~comprises at least one~~ a barcode printed on document displaying the media representation.

9. (Cancelled).

10. (Currently Amended) The system of claim 8, wherein the ~~at least one~~ barcode on the document can be ~~selected on the media representation by scanning the barcode~~ to play the associated media content segment on a display device.

11. (Currently Amended) The system of claim 1, wherein the media representation includes a graphical representation of the media content along a timeline.

12. (Currently Amended) The system of claim 11, wherein the graphical representation is a representation of audio content is displayed ~~in~~ on an audio waveform timeline.

13. (Original) The system of claim 11, wherein the timeline includes markers along its length that correspond to user-selected segments of media content.

14. (Original) The system of claim 11, wherein the timeline includes markers along its length that correspond to segments of audio content, the segments being defined by a search for particular features within the media content.

15. (Original) The system of claim 11, wherein the timeline includes markers along its length that correspond to segments of media content, at least one of the markers having text information describing the segment of media content.

16. (Currently Amended) The system of claim 11, wherein the timeline includes markers along its length that each correspond to a segments of the media content, at least one of the markers having timestamp information describing the segment of the media content.

17. (Original) The system of claim 1, wherein the media representation includes a header describing the media content.

18. (Currently Amended) The system of claim 1, wherein the feature extraction module is further adapted to generate the media representation is generated according to format specifications included in a data structure.

19. (Currently Amended) The system of claim 18, wherein the format specifications included in the data structure comprise a number of user-definable fields specifying ~~the a~~ format of a graphical representation of the media content~~printed on the media representation.~~

20. (Currently Amended) The system of claim 18, wherein the format specifications included in the data structure comprise a number of user-definable fields specifying ~~the a~~ layout of the media representation.

21. (Currently Amended) The system of claim 18, wherein the format specifications included in the data structure comprise a number of user-definable fields specifying ~~the media content markers~~ included in the media representation.

22. (Currently Amended) The system of claim 20, wherein the format specifications included in the data structure comprise a number of user-definable fields specifying ~~the feature extraction techniques~~ applied to the media content.

23. (Cancelled) .

24. (Cancelled)

25. (Currently Amended) A method for generating a representation of time-based media, the method comprising:

extracting features from media content;

generating a media representation representing the features extracted; ~~and~~

formatting the media representation according to a representation specification, the

formatting including applying the features extracted to the media representation extraction information; ~~and~~

printing a document displaying the formatted media representation, the document

including user selectable identifiers representing the features extracted from the media content for selection by a user to play media content segments of a defined length associated with each of the features.

26. (Cancelled)

27. (Currently Amended) The method of claim 25, wherein extracting features of media content further comprises performing keyword searching on the media content data.

28. (Currently Amended) The method of claim 25, wherein extracting features of media content further comprises performing speech recognition on the media content data.

29. (Currently Amended) The method of claim 25, wherein extracting features of media content further comprises performing event detection on the media content data.

30. (Currently Amended) The method of claim 26, wherein generating ~~at the media~~ representation further comprises generating a graphical representation of the media content along a timeline.

31. (Original) The method of claim 30, wherein generating a graphical representation further comprises generating an audio content waveform along a timeline.

32. (Cancelled)

33. (Currently Amended) The method of claim ~~32~~25, wherein ~~generating at least one of the~~ user-selectable identifiers comprises ~~generating at least one a~~ barcode printed on the document displaying media representation.

34. (Currently Amended) The method of claim 33, ~~wherein the user further comprising selecting the at least one user-selectable identifier on the media representation by scanning~~ the barcode to play the associated media content on a display device.

35. (Original) The method of claim 30, wherein generating a graphical representation along a timeline further comprises generating markers along a timeline, the markers corresponding to user-selected media content.

36. (Original) The method of claim 30, wherein generating a graphical representation along a timeline further comprises generating markers along a timeline, at least one of the markers corresponding to features extracted from the media content.

37. (Original) The method of claim 30, wherein generating a graphical representation along a timeline further comprises generating markers along a timeline, at least one of the markers including text information describing the media content.

38. (Original) The method of claim 30, wherein generating a graphical representation along a timeline further comprises generating markers along a timeline, at least one of the markers including timestamp information describing the media content.

39. (Currently Amended) The method of claim 256, wherein ~~generating~~printing ~~a the~~
media representation further comprises ~~generating~~printing a header describing the media content

40. (Currently Amended) The method of claim 256, wherein ~~generating~~printing ~~a the~~
media representation further comprises generating a representation in digital format.

41. (Currently Amended) The method of claim 256, wherein ~~generating~~printing ~~a the~~
media representation further comprises printing a representation in paper format.

42. (Currently Amended) The method of claim 25, wherein formatting the media
representation according to ~~a the~~ representation specification further comprises defining ~~the a~~
format of ~~a the~~ media representation using a data structure with format specifications.

43. (Cancelled)

44. (Currently Amended) The method of claim 33, ~~wherein generating at least one~~
~~barcode further comprises~~ further comprising applying a barcode generation algorithm to render
a barcode image including identifier information.

45. (Currently Amended) The method of claim 33, ~~wherein generating at least one~~
~~barcode further comprises~~ ing applying a barcode generation algorithm to render a barcode image
including timestamp information.